



<b>GENERAL SUBJECT:</b> Materials Division Manual Of Instructions		<b>NUMBER:</b> MD 356-13
<b>SPECIFIC SUBJECT:</b> Concrete Admixture Approval Process		<b>DATE:</b> March 28, 2013
<b>DIRECTED TO:</b> District Administrators	<b>SIGNATURE:</b>  <b>Charles A. Babish, PE</b> <i>Signature on original copy of memorandum</i>	

Modify the Materials Division Manual of Instructions, Section 204.01, paragraph one as follows:

**Sec. 204.01 Admixtures, Concrete**

(Sec. 215) Concrete admixtures normally will not be sampled by the Department. These admixtures instead are approved on an annual list, which is ~~distributed~~ *available on by the Materials Division website.* (~~See Sec. 209.~~) Manufacturers will certify annually (by mid-December) that their product has not changed in any respect since the original submission. Some admixtures are not compatible with others nor with changes in cement or aggregates. Caution should be exercised and trial mixes are suggested before using new admixtures or changing any ingredient in a mix which has good performance history. This initial approval is gained by submission of ~~a one pint (0.5 liter) sample and~~ independent laboratory test data indicating compliance with the specification. The Central Laboratory will *review the submitted test data and determine if the admixture meets specification. If the determination is that the admixture is acceptable for VDOT use, the product will be included on the appropriate Approved List for concrete chemical admixtures.* ~~conduct an infrared scan of the sample and keep it on file. Subsequently, random samples may be drawn and new IR curves compared to those on file. Differences may result in further investigation.~~ See Sec. 207 for modified acceptance procedure.

Modify the “Admixtures, Concrete...” entry on the Materials Division Manual of Instructions, page II-72 as follows:

1. Admixtures, Concrete...	215	Visual. Approved on certified analysis and placed on annual list, after submission of <del>an initial one pint (0.5 L) sample with</del> independent lab test data.	Trial mixes are suggested before using new admixtures or changing ingredients in satisfactory mixes. See Section. 207 for modified acceptance and <del>SEC. 209,</del> Appendix, the VDOT Materials Division website for the approved list. <del>Initial and subsequent random samples subjected to samples subjected to I/R scan and compared.</del>
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cy: Commissioner  
Chief Engineer  
Chief of Operations  
Division Administrators  
Residency Administrators  
District Materials Engineers  
District Construction Engineers  
District Maintenance Engineers  
Areas Construction Engineers  
Virginia Asphalt Association

Virginia Transportation Research Council  
Virginia Ready-Mixed Concrete Association  
Precast Concrete Association of Virginia  
Virginia Transportation Construction Alliance  
Virginia Dept. of Minority Business Enterprise  
Federal Highway Administration  
American Concrete Paving Association  
NE Chapter, Southern Region  
Old Dominion Highway Contractors Association